

## AR0138AT

### CMOS 1.2 MP1/2.6 4.2 $\mu\text{m}$ BSI

AR0138AT 1/2.6 CMOS 1288 H x 968 V AR0138AT 4.2  $\mu\text{m}$  BSI 120 dB HDR AR0138AT ASIL B 2 MIPI Parallel AR0138AT (RVC CMS) HDR

- High Performance 4.2  $\mu\text{m}$  Automotive Grade Backside Illuminated (BSI) Pixel with DR-Pix Technology
  - Advanced On-Sensor HDR Reconstruct with Flexible Exposure Ratio Control
  - Fast 69 FPS Video Capture at 1280 x 960 and 3-exposure HDR
  - Sensor Fault Detection for ASIL-B Compliance Support
  - 2x2 In-pixel Binning Mode
  - Data Interfaces: 4-lane MIPI CSI-2, or Parallel
  - Selectable Automatic or User Controlled Black Level Control
  - Frame to Frame Switching Among up to 4 Contexts to Enable Multi-function Systems
  - Spread-spectrum Input Clock Support
  - Multi-Camera Synchronization Support
- For more features, see the data sheet
- 1.2 MP, High Performance ADAS (Automotive Driver Assistant System)
  - 960p, 720p Automotive Rear View or Backup
  - 960p, 720p Automotive Surround View